Preliminary Amendment PCT/DE03/002457 Page 2

Amendments to the Specification:

Please replace the paragraph beginning on page 1, line 23 with the

following amended paragraph.

According to U.S. 2003/0132539 WO 0197707 the shrinkage

parameters are displayed on the holder in the form of a printed bar

code. <u>U.S. 2002/0076530</u> WO 01 32 093 discloses an identifier only

generally. It is also known to place the identifier on the ceramic block

itself.

Please replace the paragraph beginning on page 1, line 27 with the

following amended paragraph.

DE 40 30 176 Al discloses a grinding machine that has a keyboard, a

video monitor and a scanning camera. Furthermore, U.S. 6,614,538 EP

1 093 768 A2 discloses a system comprising a measuring device and

machining equipment for the production of a fitting for tooth

restorations.

Please replace the paragraph beginning on page 1, line 32 with the

following amended paragraph.

From the prior art it is known to connect up a commercial bar-code

scanner, which will read the enciphered shrinkage data in a bar code

located on the blank. This is basically described in CA 02392325 WP

1 106 146. Furthermore, it is known to collect the data by actuating

the keyboard of the PC.

DC01\88055.1 ID\ABH Please replace paragraph beginning on page 6, line 20 with the following amended paragraph.

Furthermore, there is provided in machining chamber 2 a measuring device 16, which in the present embodiment is in the form of a position-sensitive sensor. Measuring device 16 comprises a projection unit 17, which emits a measuring ray, and a receiving unit 18, on which a back-scattered reception ray impinges after reflection from the blank. Measuring device 16 can be shifted relatively to blank 11, as indicated by the arrow 19. Such a measuring device is illustrated and explained in <u>U.S. 6,614,538 EP 1 0 93 7 68 A2</u> and the embodiments disclosed therein are incorporated herein by reference. In particular, measuring device 16 may be mounted on tool 14, if desired, and moved together with same.

Please replace the paragraph beginning on page 8, line 26 with the following amended paragraph.

In the case of the position-sensitive sensor 16 illustrated in Fig. 1, the power output of a laser diode is regulated according to the intensity of the light in the receiving photodiode ($U.S.\ 6,614,538$) (cf EP 1 093 768 a2), so that the controlled variable for the power output allows for conclusions on identifier 22 in the form of a bar code. Alternatively, the intensity itself can be evaluated whilst the power of the laser diode is set at a fixed value.